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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 11 — McKEE PRINT. — November, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of November, 1955, averaged 41,628 barrels daily, an increase of 3,009 barrels from the average October production of 38,619.

The nine refineries in the State processed 60,436 barrels of crude oil daily for the month of November, an increase of 13,107 barrels daily from the 47,329 barrels processed daily during the month of October.

During November, 32 wells were completed, 17 oil, 2 gas wells and 13 dry holes.

During November, the Commission issued 32 permits to drill new wells, a decrease of 23 from the 55 permits issued during October.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF NOVEMBER, 1955

IN STORAGE NOVEMBER 1st:	
By Producers	300,081
By Transporters	533,110
By Refiners	791,722
TOTAL STORAGE	1,624,913
Produced in Montana During Month	1,248,827
Imported During Month	948,960
TOTALS	3,822,700
DISPOSITION:	
Refined in Montana	1,813,064
Exported	493,413
Used for Fuel or Lost	2,689
TOTALS	2,309,166
IN STORAGE NOVEMBER 30th:	
By Producers	317,392
By Transporters	588,718
By Refiners	607,424
TOTAL STORAGE	1,513,534

NATURAL GAS WITHDRAWALS IN MONTANA

Month of November, 1955

Field	M Cu. Ft.
Bears Den	36
Bowdoin	728,790
Bowes	103,977
Box Elder	5,720
Cedar Creek	823,611
Cut Bank (Includes Reagan)	1,623,534
Dry Creek	253,822
East Poplar	368
Elk Basin	27,356
Golden Dome	27,772
Hardin	6,206
Keith Block	206,411
Kevin-Sunburst	133,339
Utopia	144,020
Whitlash Area	173,204
Miscellaneous	18,946
TOTAL	4,277,112

Total Withdrawals for November, 1954 were 2,810,349 M Cu. Ft.

PRODUCERS REPORT
MONTH OF NOVEMBER, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,270	3,527	.....	4,162	.....	635
1	Bannatyne	1	351	40	.....	24	.....	367
9	Big Wall	25	4,702	22,151	.....	21,918	.....	4,935
....	Border	....	.....	.....	.....	.....	.....	.....
10	Bowes	74	4,184	32,702	32,566	.....	.....	4,320
1	Brady-Midway	1	136	71	.....	.....	.....	207
2	Bredette	2	2,308	8,503	.....	8,380	.....	2,431
2	Brorson (Sidney Area)	3	3,602	5,813	5,199	.....	.....	4,216
1	Cabin Creek	17	6,701	56,633	54,732	.....	624	7,978
28	Cat Creek	85	7,369	12,447	15,267	.....	.....	4,549
1	Clark's Fork	1	802	678	.....	312	.....	1,168
1	Cupton	1	485	3,138	.....	2,454	405	764
323	Cut Bank	1,086	115,618	214,923	210,499	.....	275	119,767
3	Deer Creek	6	3,335	13,762	14,412	.....	.....	2,685
....	Devil's Basin	....	757	.....	.....	.....	.....	757
6	Dry Creek	6	1,913	17,727	17,943	.....	.....	1,697
20	Elk Basin	58	6,853	90,093	90,803	.....	.....	6,143
3	Fertile Prairie	4	1,918	2,889	.....	2,759	.....	2,048
2	Frannie	2	524	1,059	1,142	.....	.....	441
1	Gage	1	542	213	.....	.....	.....	755
1	Gas City	3	1,281	4,710	2,399	.....	1,154	2,438
5	Glendive	12	5,460	46,681	46,549	.....	279	5,313
1	Golden Dome	1	402	87	.....	.....	.....	489
1	Hardin Area	3	915	2,903	.....	2,156	.....	1,662
1	Ivanhoe Dome	2	549	2,200	.....	1,968	.....	781
191	Kevin-Sunburst	1,399	16,870	83,399	83,271	.....	3	16,995
1	Lake Basin	1	197	73	.....	.....	.....	270
1	Little Beaver	4	2,618	8,776	8,330	.....	.....	3,064
2	East Little Beaver	2	2,927	1,852	2,188	.....	.....	2,591
3	Melstone	5	2,345	5,101	.....	5,201	.....	2,245
2	Mosser	4	.....	669	.....	669	.....	.....
2	Pennel	2	2,456	4,057	2,557	.....	1,306	2,650
2	Pine Unit Area	39	21,506	126,721	110,393	.....	9,123	28,711
73	Pondera	310	8,122	48,990	46,620	.....	.....	10,492
64	Poplar Area	69	32,681	230,115	186,350	41,296	269	34,881
4	Northwest Poplar	5	1,608	2,279	.....	1,882	.....	2,005
2	Ragged Point	3	620	1,443	.....	1,292	.....	771
....	Rattlesnake Butte	....	325	.....	.....	.....	.....	325
3	Reagan	42	3,447	21,125	20,679	.....	.....	3,893
5	Richey	8	5,656	7,200	7,985	.....	.....	4,871
1	Rudyard	1	.....	317	.....	87	.....	230
5	Soap Creek	12	2,616	12,885	.....	13,190	.....	2,311
1	Southwest Richey	3	1,650	3,788	4,199	.....	.....	1,239
18	Sumatra	55	13,846	127,469	.....	127,434	.....	13,881
4	Sweetgrass Hills	4	886	555	.....	501	.....	940
9	Whitlash	23	5,160	11,719	10,629	905	.....	5,345
1	Wibaux Area	1	741	1,207	.....	1,213	.....	735
1	Wolf Springs	1	1,143	5,860	.....	5,513	.....	1,490
1	Woodrow	1	471	185	.....	.....	.....	656
1	Yellowstone	1	80	50	.....	50	.....	80
1	West Pendroy (Bynum)	1	133	42	.....	.....	.....	175
822		3,394	300,081	1,248,827	974,712	243,366	13,438	317,392

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
Third Quarter, 1955	3,754,866	40,813	3,732,430	40,569
October, 1955	1,197,205	38,619	1,160,550	37,437
November, 1955	1,248,827	41,628	1,218,078	40,603

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
September 30, 1955	270,646	345,636	627,245	1,243,527
October 31, 1955	300,081	533,110	791,722	1,624,913
November 30, 1955	317,392	588,718	607,424	1,513,534

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF NOVEMBER, 1955

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK—Trucks			4,162				4,162		
BANNATYNE—Trucks			24			24			
BIG WALL—Trucks	2,344		21,918			13,290	9,112		1,860
BOWES—									
Northern Pump Company	1,205	7,158			59		6,798		1,506
The Texas Company	290	25,408			127	22,413	2,861		297
	1,495	32,566			186	22,413	9,659		1,803
BREDETTE—Trucks			8,380				8,380		
BRORSON—Sun Oil Company		5,199					5,199		
CABIN CREEK, GLENDIVE, GAS CITY, PINE, POPLAR, etc.—									
Butte Pipe Line Company	221,355	191,643		211,147			361,580		262,565
CAT CREEK—									
Continental Pipeline Company	8,994	11,673			3	14,710			5,954
Wm. Hanlon		3,524				3,524			
	8,994	15,197			3	18,234			5,954
CLARK'S FORK—Trucks			312				312		
CUPTON—Trucks			2,454				2,454		
CUT BANK—									
Darling Gathering System, Inc.	4,531	25,499				22,475			7,605
Phillips Petroleum Company	16,512	41,680		3,160	763	14,614		21,603	24,372
The Texas Pipe Line Company	96,756	39,881		56,920	2,878	73,368		13,694	103,617
Toronto Pipe Line Company	25,023	56,971			181			60,080	21,733
Union Oil Company	89,928	46,161		35,297	(134)	102,445			69,075
	232,800	210,192		95,377	3,638	212,902		95,377	226,402
DRY CREEK—Ohio Oil Company	10,357	17,943			368	16,470			11,462
ELK BASIN—Ohio Oil Company		90,803				63,854	26,949		
FERTILE PRAIRIE—Trucks			2,759				2,759		
FRANNIE—Ohio Oil Company		1,142					1,142		
GLENDIVE AREA—									
The Texas Pipe Line Company	811	60,962			(977)	18,020		34,138	10,592
HARDIN AREA—Trucks			2,156				2,156		
IVANHOE DOME—Trucks			1,968				1,968		
KEVIN-SUNBURST—									
Big West Oil Company	1,998	36,259				36,220			2,037
Homestake Oil & Gas Co.	29	3,783				3,481			331
The Texas Pipe Line Co.	9,870	41,582		1,794	485	42,903			9,858
Anna Aronow	142	2,057						1,794	405
	12,039	83,631		1,794	485	82,604		1,794	12,631
MELSTONE—Trucks	1,680		5,201			5,166			1,715
MOSSER—Trucks			669			669			
PONDERA—Phillips Petroleum Co.	8,184	46,618			333	43,853			10,616
POPLAR AREA—									
East Poplar Gathering System	29,401	186,350			345			177,009	38,397
Trucks			41,296				41,296		
	29,401	186,350	41,296		345		41,296	177,009	38,397
NORTHWEST POPLAR—Trucks			1,882				1,882		
RAGGED POINT—Trucks	1,084		1,292			1,292			1,084
REAGAN—Union Oil Company		20,679				20,679			
RUDYARD—Trucks			87			87			
SOAP CREEK—Trucks			13,190				13,190		
SUMATRA—Trucks			127,434			127,434			
SWEETGRASS HILLS—									
Homestake Oil & Gas Co.	1,515	1,816		8,809		9,563			2,577
Western Natural Gas Co.	1,051	8,813			(5)			8,809	1,060
Trucks			1,406			1,406			
	2,566	10,629	1,406	8,309	(5)	10,969		8,809	3,637
WIBAUX—Trucks			1,213				1,213		
WOLF SPRINGS—Trucks			5,513			5,513			
YELLOWSTONE—Trucks			50			50			
TOTALS	533,110	973,604	243,366	317,127	4,426	663,523	493,413	317,127	588,718

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF NOVEMBER, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	11,448	.....	.....	.....	.....	.....	.....	.....	11,448
Bowes	.....	.....	.....	18,215	.....	.....	.....	.....	.....	18,215
Cat Creek	.....	.....	14,307	.....	.....	5,266	.....	.....	.....	19,573
Cut Bank	22,471	.....	.....	.....	.....	.....	14,616	106,906	106,841	250,834
Dry Creek	.....	.....	.....	.....	15,780	.....	.....	.....	.....	15,780
Elk Basin	.....	44,504	19,350	.....	.....	.....	.....	.....	.....	63,854
Glendive Area	.....	.....	.....	.....	31,427	.....	.....	.....	.....	31,427
Ivanhoe Dome	.....	.....	.....	.....	1,968	.....	.....	.....	.....	1,968
Kevin-Sunburst	15,792	.....	.....	.....	.....	.....	.....	39,001	.....	54,793
Melstone	.....	.....	.....	.....	.....	3,024	.....	.....	.....	3,024
Mosser	.....	.....	.....	.....	669	.....	.....	.....	.....	669
Pondera	.....	.....	.....	.....	.....	.....	43,314	.....	.....	43,314
Poplar	.....	.....	.....	.....	.....	.....	.....	73,404	.....	73,404
Ragged Point	.....	1,292	.....	.....	.....	.....	.....	.....	.....	1,292
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	20,679	20,679
Sumatra	.....	70,914	1,171	.....	18,871	.....	.....	.....	.....	90,956
Sweetgrass Hills	502	.....	.....	.....	.....	.....	.....	21,309	904	22,715
Wolf Springs	.....	6,183	.....	.....	.....	.....	.....	.....	.....	6,183
Total Montana Oil	38,765	134,341	34,828	18,215	68,715	8,290	57,930	240,620	128,424	730,128
Wyoming Oil Imported	.....	472,054	284,383	.....	326,499	.....	.....	.....	.....	1,082,936
Total Montana and Wyoming Oil	38,765	606,395	319,211	18,215	395,214	8,290	57,930	240,620	128,424	1,813,064

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year 1954	24,752	25	29,768	54,545
November, 1954	25,412	68	30,068	55,548
November, 1955	24,338	—	36,098	60,436

PERCENTAGE OF CRUDE REFINED

	Montana	So. Dakota	Wyoming
	45.37%	.06%	54.57%
	45.75%	.12%	54.13%
	40.27%	.....	59.73%